

INTERNATIONAL SEARCH REPORT

In **International Application No**
PCT/ZA2004/000158

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, IBM-TDB, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 2002/065851 A1 (WATSON EMERSON C ET AL) 30 May 2002 (2002-05-30) paragraph '0009! - paragraph '0018! paragraph '0034! - paragraph '0047! paragraph '0069! - paragraph '0083!; figures 6A,7A paragraph '0089! - paragraph '0091!; figure 8 | 1-77 |
| X | US 6 601 057 B1 (UNDERWOOD JOHN ET AL) 29 July 2003 (2003-07-29) column 4, line 55 - column 9, line 59 column 11, line 62 - column 22, line 45 column 38, line 30 - column 42, line 50 ----- -/- | 1-77 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

12 April 2005

Date of mailing of the international search report

18/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 01/18685 A (LEWIS, ROBERT; WHITBY, EVAN) 15 March 2001 (2001-03-15) page 11, line 3 - page 14, line 21 page 24, line 4 - page 30, line 12 | 1-77 |
| X | GELLERSEN H-W ET AL: "WebComposition: an object-oriented support system for the Web engineering lifecycle" COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 29, no. 8-13, September 1997 (1997-09), pages 1429-1437, XP004095337 ISSN: 0169-7552 the whole document | 1-77 |
| X | US 6 304 886 B1 (BERNARDO RICHARD S ET AL) 16 October 2001 (2001-10-16) column 5, line 49 - column 7, line 45 | 1-77 |

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international application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 78-81
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 78-81

Present claims 78-81 do not meet the requirements of Article 6 PCT in combination with Rule 6(6.2)(a) in that they rely for the definition of their features on references to the description and the drawings. Due to this serious lack of clarity, no meaningful search could be carried out. Consequently, the search has been carried out for those parts of the application which do appear to be clear, namely claims 1-77.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/ZA2004/000158

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|--|--|
| US 2002065851 A1 | 30-05-2002 | AU 9474601 A WO 0227558 A1 | 08-04-2002 04-04-2002 |
| US 6601057 B1 | 29-07-2003 | US 6697825 B1 AU 1458001 A WO 0219153 A1 | 24-02-2004 13-03-2002 07-03-2002 |
| WO 0118685 A | 15-03-2001 | AU 7352400 A WO 0118685 A2 | 10-04-2001 15-03-2001 |
| US 6304886 B1 | 16-10-2001 | US 6308188 B1 US 6434607 B1 US 2002038357 A1 US 6701376 B1 US 6247032 B1 US 6684369 B1 US 6185587 B1 US 6219680 B1 US 2001005848 A1 US 6192415 B1 US 2002103883 A1 US 2001051985 A1 US 6401131 B1 US 6301621 B1 | 23-10-2001 13-08-2002 28-03-2002 02-03-2004 12-06-2001 27-01-2004 06-02-2001 17-04-2001 28-06-2001 20-02-2001 01-08-2002 13-12-2001 04-06-2002 09-10-2001 |